



Atlas

fireproof products

Sound Conditioned Metal Door Openings

service

Your inquiries handled promptly.
Your orders engineered efficiently.
Details furnished immediately.

dependability

More than 30 years of service to the
building industry.
Specifications strictly adhered to.
Delivery schedules maintained.

quality

High level of manufacturing stand-
ards maintained.
Careful shop inspection before de-
livery.

Hollow Metal Doors

16b
AtL

Hollow Metal Door Frames

Structural Door Frames

Kalamein Jams and Trim

Kalamein Doors

Fire Doors

Underwriter Labeled Products

Kalamein Windows

**New York City Approved
1, 1½ and 3-Hr. Test Doors**

Special Openings

Hardware

***ATLAS FIREPROOF DOOR COMPANY, INC.**

73-79 Provost Street

fireproof metal products

Brooklyn 22, N. Y.

Telephone: EVergreen 9-4252

designs of **KALAMEIN and HOLLOW METAL DOORS**

The standard designs shown are those most frequently used. We can furnish any special door type required.

HOLLOW METAL DOORS

Construction—Made of best quality open-hearth cold rolled, pickled, patent leveled, sheet steel; galvanized or bonderized sheet steel. Stiles and rails filled with mineral wool for sound deadening purposes. Joints and mitres welded throughout, ground smooth, and made invisible. Flush doors filled with mineral wool and reinforcing webs provided 6" on center or as required by specifications. Doors mortised and reinforced for necessary hardware.

Doors can be furnished in 14, 16, 18 or 20 gauge.

Finishes—All hollow metal doors cleaned of dirt, oil and impurities. All tool marks and joints filled with mineral filler and sanded smooth. One shop coat of best metallic primer applied and baked on. Doors may be finished on request in solid color or grained finish baked enamel. Baked enamel to consist of at least 6 coats of paint baked on and rubbed to an eggshell gloss.

The above specifications apply also to hollow metal transom sash and smokescreen openings.

KALAMEIN DOORS

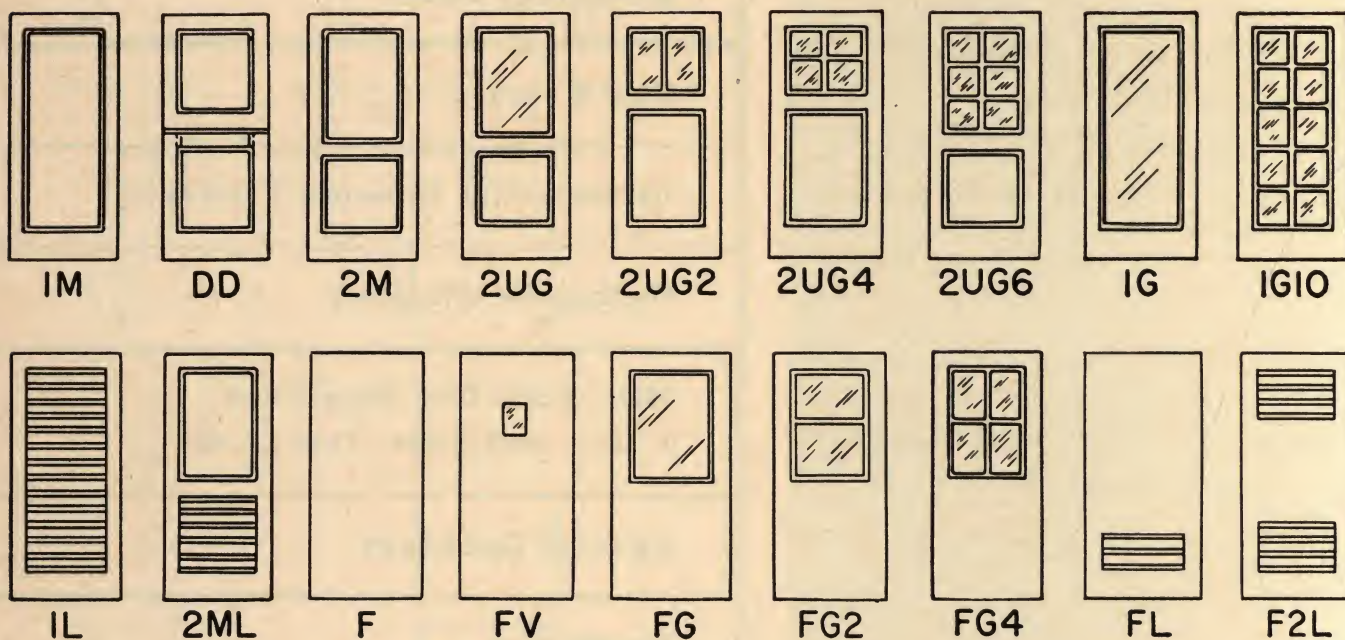
Construction—Cores of doors are solid, kiln dried, white pine, milled cores, mortised and tenoned and covered with galvanized or furniture steel sheets; gauges as required. Panels are $\frac{3}{8}$ " asbestos mill-board glued under pressure with metal on both sides (except non-labeled door panels which are $\frac{1}{4}$ " composition or plywood cores). Stiles drawn through steel dies to insure tightness to core, when required. All joints and mitres cleaned, soldered, and scraped smooth. Panel moldings can be furnished in either kalamein or hollow metal, as required.

Doors can be reinforced and mortised for hardware where required.

All exposed surfaces cleaned of impurities and finished with one prime coat of metallic paint.

Kalamein transom sash and smokescreen openings are similar in construction to kalamein doors.

All kalamein products are available covered in copper, bronze, aluminum, or stainless steel. Aluminum and bronze doors can be furnished with extruded edges.



LABELING SERVICES

We can furnish doors in hollow metal, tin clad, metal clad and kalamein carrying the label of the N.Y. City Board of Standards and Appeals. Doors can also be furnished with the National Board of Fire Underwriters label. Design of these doors restricted to certain types.

FOR ECONOMY AND PROMPT DELIVERY

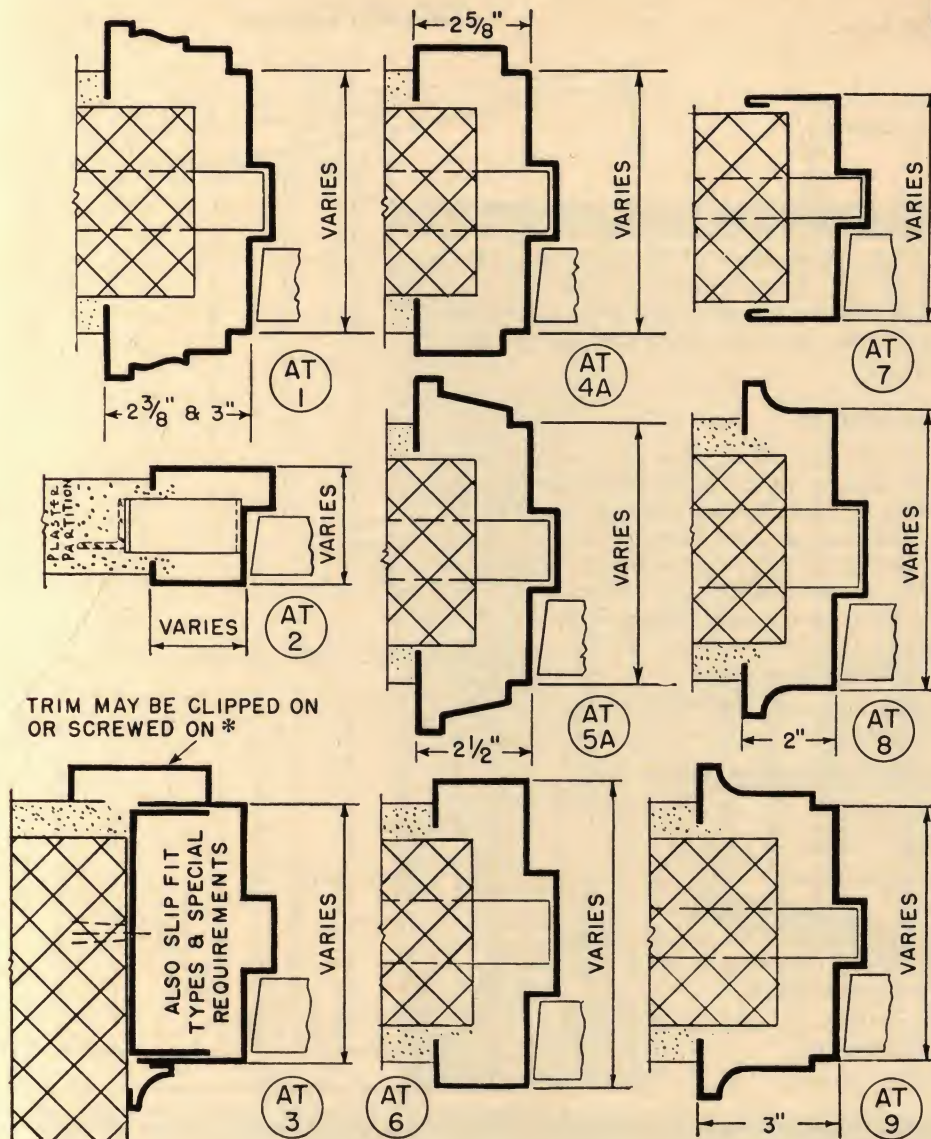
Atlas stocks a variety of bucks in popular door sizes. Doors to fit stock bucks are available in some types, also doors and bucks may be purchased with hardware and saddles. Doors and frames will be fitted for hardware at our plant on request.

Practical engineering service to suit architectural needs.

typical **ATLAS BUCK SECTIONS**
with various variations

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Combinations of various trims are possible.

Hollow metal frames can be furnished of cold rolled steel, galvanized, or bond-erized sheets in 12, 14, 16 or 18 gauge, with anchors provided to suit any wall requirements.

Interior bucks for wood doors can be furnished with welded-on hinges and applied strike.

Bucks requiring mortise type hardware will be re-inforced, mortised, drilled and tapped to templates.

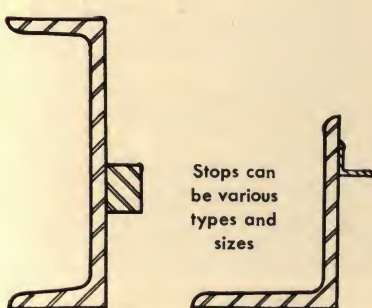
Labeling Service — bucks carrying the label of the National Board of Fire Underwriters are available.

Other products available in hollow metal are borrowed lights, smokescreen openings, pass windows, cased openings, etc.

Finish — All bucks to receive one shop coat of rust inhibiting paint. Frames can be furnished in baked prime or baked enamel finish. Enamel finish in solid or grained.

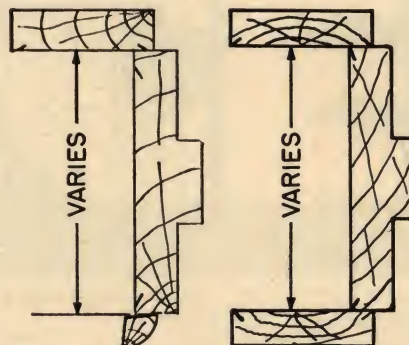
Send us your requirements.

* Trim may also be moulded type.



Anchors to suit wall conditions

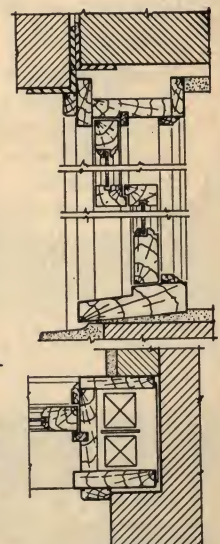
Structural frames furnished for fire doors or heavy installations. Constructed of suitable size structural members with approved masonry anchors. Finish with shop coat metallic primer.



Kalamein jams and trim available in a variety of stock trims. For construction and finish specifications, see heading under kalamein doors.



Double-hung kalamein windows and casement sash are made up to suit any requirement. New York City ¾ hour test windows can be furnished.

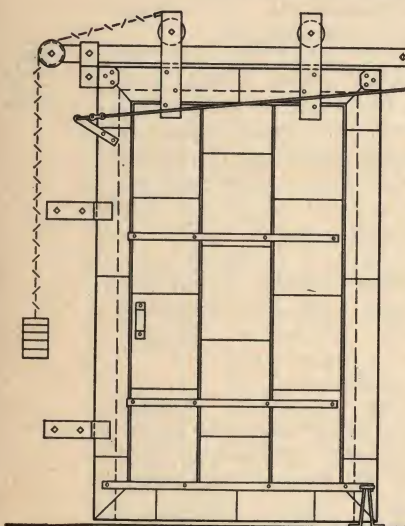


***ATLAS FIREPROOF DOOR CO., INC.**

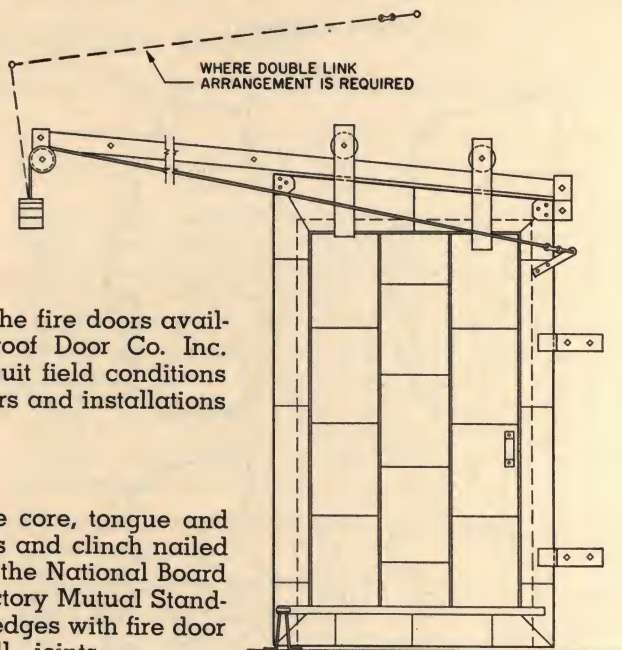
Atlas

FIRE DOORS

WHERE DOUBLE LINK
ARRANGEMENT IS REQUIRED



WHERE DOUBLE LINK
ARRANGEMENT IS REQUIRED



Illustrations show a few of the fire doors available from the Atlas Fireproof Door Co. Inc. Other installation types to suit field conditions and headroom. Data on doors and installations available.

SPECIFICATIONS

Two or three ply white pine core, tongue and grooved, laid at right angles and clinch nailed together in accordance with the National Board of Fire Underwriters and Factory Mutual Standards. Covered on sides and edges with fire door standard terne sheets. All joints double-lock seams, sheets flat against core. (Can also be furnished in 24-gauge galvanized sheets)

Label Service — see "Labeling Services" on page 2.

HEADROOM REQUIREMENTS FOR FIRE DOORS

Level head doors — 14".

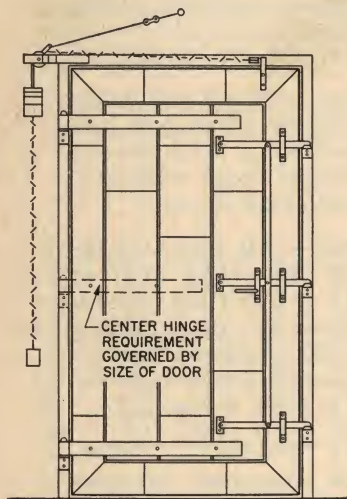
Incline head doors — 14" low point plus $\frac{3}{4}$ " per foot in rise.

Level head doors hung on drop brackets—9" (depending upon construction conditions).

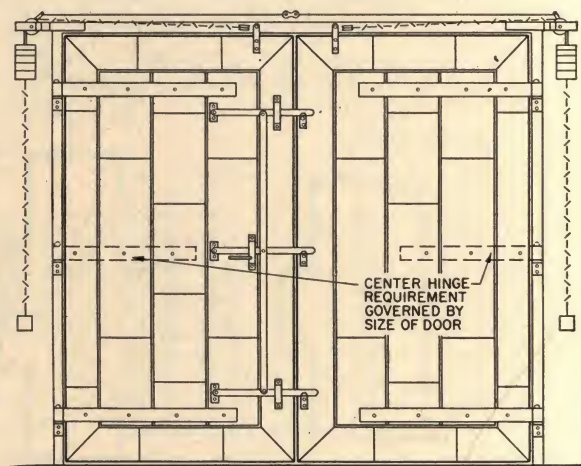
Swinging doors in structural frame —6" (minimum).

Lap swing doors — 10".

CENTER HINGE
REQUIREMENT
GOVERNED BY
SIZE OF DOOR



CENTER HINGE
REQUIREMENT
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SOUND CONDITIONED DOOR OPENINGS

Doors—Hollow Metal $1\frac{3}{4}$ " thick; minimum of 16 gauge steel.

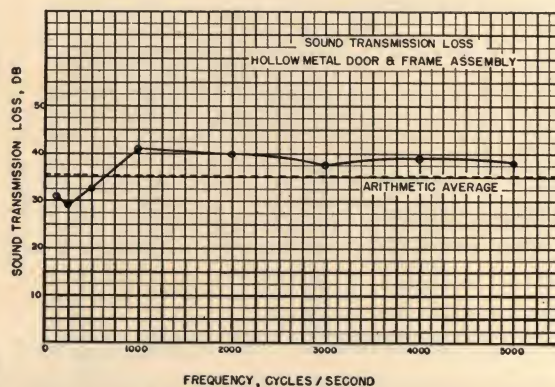
Types available—F-FV-FG

Door frames—Hollow Metal minimum of 14 gauge steel.

Finish—as desired.

Rating—40 decibels @ 2000 cycle—transmission loss 35.6 average.

—41 decibels @ 2000 cycle—transmission loss 42.0 average.



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